**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

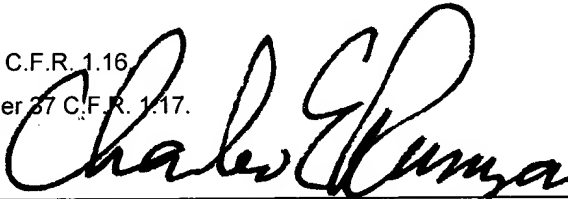
In re Application of: Eugene T. Michal et al.	Examiner: Michener, Jennifer Kolb
Serial No.: 09/918,365	Art Unit: 1762
Filed: July 30, 2001	
Title: COVALENTLY IMMOBILIZE HEPARIN INTO AND ONTO FUNCTIONALIZED POLYURETHANE	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Examiner Michener:

This responds to the Office Action dated December 22, 2003.

AMENDMENT TRANSMITTAL LETTER (Large Entity)				Docket No. 50623.379	
Applicant(s): Eugene T. Michal et al.					
Serial No. 09/918,365	Filing Date July 30, 2001	Examiner Jennifer Kolb Michener		Group Art Unit 1762	
Invention: Covalently Immobilize Heparin Into And Onto Functionalized Polyurethane					
TO THE COMMISSIONER FOR PATENTS:					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as show below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	46	79	0	X \$18.00	\$00.00
INDEP. CLAIMS	6	10	0	X \$86.00	\$00.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$00.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$00.00
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p><input checked="" type="checkbox"/> No additional fee is required for amendment.</p> <p><input checked="" type="checkbox"/> Please charge Deposit Account No. 07-1850 in the amount of \$00.00</p> <p style="margin-left: 20px;">A duplicate copy of this sheet is enclosed.</p> <p><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</p> <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of any necessary fees associated with this communication or credit any overpayment to Deposit Account No. 07-1850</p> <p style="margin-left: 20px;">A duplicate copy of this sheet is enclosed.</p> <p><input type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16</p> <p><input type="checkbox"/> Any patent application processing fees under 37 C.F.R. 1.17.</p> </div> <div style="width: 35%; text-align: right;">  <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <p>Charles E. Runyan Jr. Ph.D. Reg. No. 43,066</p> </div> </div> <p>Dated: April 22, 2004 Squire, Sanders & Dempsey L.L.P. 1 Maritime Plaza, Suite 300 San Francisco, CA 94111 (415) 954-0200</p> <p>cc: Docket:</p>					